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(54) Title: PROCEDURE FOR MONITORING THE USAGE OF A BROADCASTED CONTENT

ET<sub>2</sub> ET<sub>21</sub>

ET<sub>3</sub> ET<sub>31</sub>

ET<sub>4</sub> ET<sub>41</sub>

ET<sub>6</sub>

ET<sub>7</sub>

(57) Abstract: Method for monitoring the usage of a service by a communication device coupled to a tamper resistant module, in particular a smart card. A said service is transmitted from a resource able to communicate with said communication device by way of a network. The service comprises a plurality of encrypted data flow and its use comprises successive decryption steps of data flow by a respective first key EK, said first key EK being encrypted in the data flow and decrypted in the tamper resistant module by way of a second key KEK stored in said tamper resistant module or derived inside said module. The invention is characterized in that said method comprises the following steps: a. A counting step, in which a memory location stores a count of occurrences of decryption steps of said first key EK attached to a same service; b. A using step, in which said counter is used to prove the amount of data flow which has been decrypted.

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